

WHAT IS CLAIMED IS:

1. A liquid crystal display (LCD) device comprising a TFT panel, a counter panel and liquid crystal disposed therebetween, said TFT panel including:

a transparent substrate;

5 a plurality of scanning lines overlying said transparent substrate to extend in a row direction;

a plurality of signal lines overlying said transparent substrate to extend in a column direction;

10 a plurality of common lines each corresponding to one of said scanning lines to extend in said row direction parallel to said one of said scanning lines, said scanning lines and said common lines are formed in a single layer;

15 an array of pixels each disposed at an intersection between one of said scanning lines and one of said signal lines, said common lines having extending portions extending outside an area for said array of pixels; and

a coupling line coupling said extending portions together and formed in said single layer .

2. The LCD device as defined in claim 1, further comprising another coupling line coupling said common lines together and including a conductive paste.

3. A liquid crystal display (LCD) device comprising a TFT panel, a counter panel and liquid crystal interposed therebetween, said TFT panel including:

a transparent substrate;

5 a plurality of scanning lines overlying said transparent substrate to extend in a row direction;

a plurality of signal lines overlying said transparent substrate to extend in a column direction;

10 a plurality of common lines each corresponding to one of said scanning lines to extend in said row direction parallel to said one of said scanning lines, said scanning lines and said common lines are formed in a single layer;

an array of pixels each disposed at an intersection between one of said scanning lines and one of said signal lines; and

15 a coupling line extending in said column direction, said coupling line including a conductive paste coupling said common lines together.

4. The LCD device as defined in claim 3, wherein said coupling line further includes a film member mounting thereon said conductive paste.

5. A liquid crystal display (LCD) device comprising a TFT panel, a counter panel, and liquid crystal interposed therebetween, said TFT panel including:

a transparent substrate;

5 a plurality of scanning lines overlying said transparent substrate to extend in a row direction;

a plurality of signal lines overlying said transparent substrate to extend in a column direction;

10 a plurality of common lines each corresponding to one of said scanning lines to extend in said row direction parallel to said one of said scanning lines, said scanning lines and said common line are formed in a single layer; and

an array of pixels each disposed at an intersection between one of said scanning lines and one of said signal lines,

15 said TFT panel mounting thereon at least one driver block including a film member, a driver IC mounted on said film member for driving said scanning lines, and a coupling line for connecting said common lines together.

6. The LCD device as defined in claim 5, wherein said coupling line extends in a space between a film member and said driver IC.

7. The LCD device as defined in claim 5, wherein terminals of said scanning lines are arranged in a zig-zag fashion on said TFT panel.

8. The LCD device as defined in claim 5, wherein said coupling line is disposed in said driver IC.

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9. The LCD device as defined in claim 5, further including another coupling line coupling said common lines together and formed on said TFT panel outside an area for said array of pixels.

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